

**10/551769**

PATENT

1505-1085-1

**JC05 Rec'd PCT/PTO 03 OCT 2005**

**IN THE U.S. PATENT AND TRADEMARK OFFICE**

In re application of

Mikael ISAKSSON

Conf.

Application No. **NEW NATIONAL PHASE**

Group

Filed October 3, 2005

Examiner

A METHOD IN A TRANSCEIVER FOR ALLOCATING TRANSMISSION CAPACITY BETWEEN THE TWO DIRECTIONS OF TRANSMISSION IN WIRE LINE DATA COMMUNICATION

**INFORMATION DISCLOSURE STATEMENT**  
**(SUBMISSION CONCURRENT WITH THE**  
**FILING OF A NEW PATENT APPLICATION)**

Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

October 3, 2005

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, and in fulfillment of the duty of disclosure under 37 C.F.R. § 1.56, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

**I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION**

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

**II. COPIES**

- Copies of the U.S. patents or publications are not submitted since the USPTO has waived their submission for applications filed after June 30, 2003.
- Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should have been forwarded from the International Search Authority pursuant to the trilateral agreement between the USPTO, EPO and JPO, or they are U.S. patents or U.S. published applications. If copies are needed, please contact the undersigned.

III. CONCISE EXPLANATION OF THE RELEVANCE  
(check at least one box)

10/551769

a.  DOCUMENTS IN THE ENGLISH LANGUAGE

The attached non U.S. patents, non U.S. patent application publications, foreign publications, or other information in the English language do not require a statement of relevancy.

b.  DOCUMENTS NOT IN THE ENGLISH LANGUAGE

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

c.  FOREIGN SEARCH REPORT OR ACTION

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d.  OTHER

The following additional information is provided for the Examiner's consideration.

FEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If The Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned.

Respectfully submitted,

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Enclosures:  Form PTO-1449(s)  
 Documents  
 Foreign Search Report  
 Other: \_\_\_\_\_

| <b>INFORMATION DISCLOSURE CITATION<br/>IN AN APPLICATION</b><br><br>(Use several sheets if necessary)                              |   |            | Attorney Docket No.:<br><b>1505-1085-1</b> | Application No.:<br><b>NEW NATIONAL PHASE</b> |          |                              |
|--|---|------------|--|---|----------|------------------------------|
|  |   |            | Applicant:<br><b>Mikael ISAKSSON</b>       | <b>10/551769</b>                              |          |                              |
|  |   |            | Filing Date:<br><b>October 3, 2005</b>     | Group Art Unit:                               |          |                              |
| <b>U.S. PATENT DOCUMENTS</b>   |   |            |  |   |          |                              |
| Examiner Initial   | Document Number   | Date       | Name                                       | Class   | Subclass | Filing date (if appropriate) |
|  | 6,333,920   | 12/25/2001 | NGUYEN et al.                              |   |          |                              |
|  | 6,373,860   | 4/16/2002  | O'TOOLE et al.                             |   |          |                              |
|  |   |            |  |   |          |                              |
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| <b>FOREIGN PATENT DOCUMENTS</b>  |   |            |  |   |          |                              |
| Examiner Initial   | Document Number   | Date       | Country                                    | Class   | Subclass | Translation<br>Yes      No   |
|  | WO 9943123  | 8/29/1999  | INTERNATIONAL                              |   |          |                              |
|  | 0991202   | 4/5/2000   | EUROPE                                     |   |          |                              |
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|  |   |            |  |   |          |                              |
|  |   |            |  |   |          |                              |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>  |   |            |  |   |          |                              |
|  | MESTDAGH, D G et al: Zipper VDSL: a solution for robust duplex communication over telephone lines. In: Communications Magazine, IEEE, May 2000, pages 90-96, vol. 38, issue 5, INSPEC AN: 6601305. See whole document |            |  |   |          |                              |
|  |   |            |  |   |          |                              |
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| <b>EXAMINER:</b>   | <b>DATE CONSIDERED</b>  |            |  |   |          |                              |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if |   |            |  |   |          |                              |

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

\* English language abstract provided for the Examiner's convenience

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